

09/787029

JC08 Rec'd PCT/PTO 13 MAR 2001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Takuya HIRANO**

Serial No.: **Not Yet Assigned**  
(PCT/JP99/04328)

Filed: **March 13, 2001**

For: **QUANTUM CIPHER COMMUNICATION SYSTEM**

#4/A  
LOT  
2-22-02  
entered

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

March 13, 2001

Sir:

Prior to the calculation of the filing fees of the above application, please amend the application as follows:

IN THE CLAIMS:

Please amend claims 8-14 as follows:

8. (Amended) A quantum cipher communication system as set forth in any one of claims 1-4, 6 or 7, characterized in that threshold values are established, respectively, for positive and negative values of said difference signal, and that the state of said transmission signal is discriminated on the basis of said threshold values.

9. (Amended) A quantum cipher communication system as set forth in any one of claims 1-4, 6 or 7, characterized in that in addition to the phase modulations designed to transmit privacy

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